

SPLIT-CHANNEL HIGH ELECTRON MOBILITY TRANSISTOR (HEMT) DEVICE

Philbert F. Marsh et al.

10/606,820

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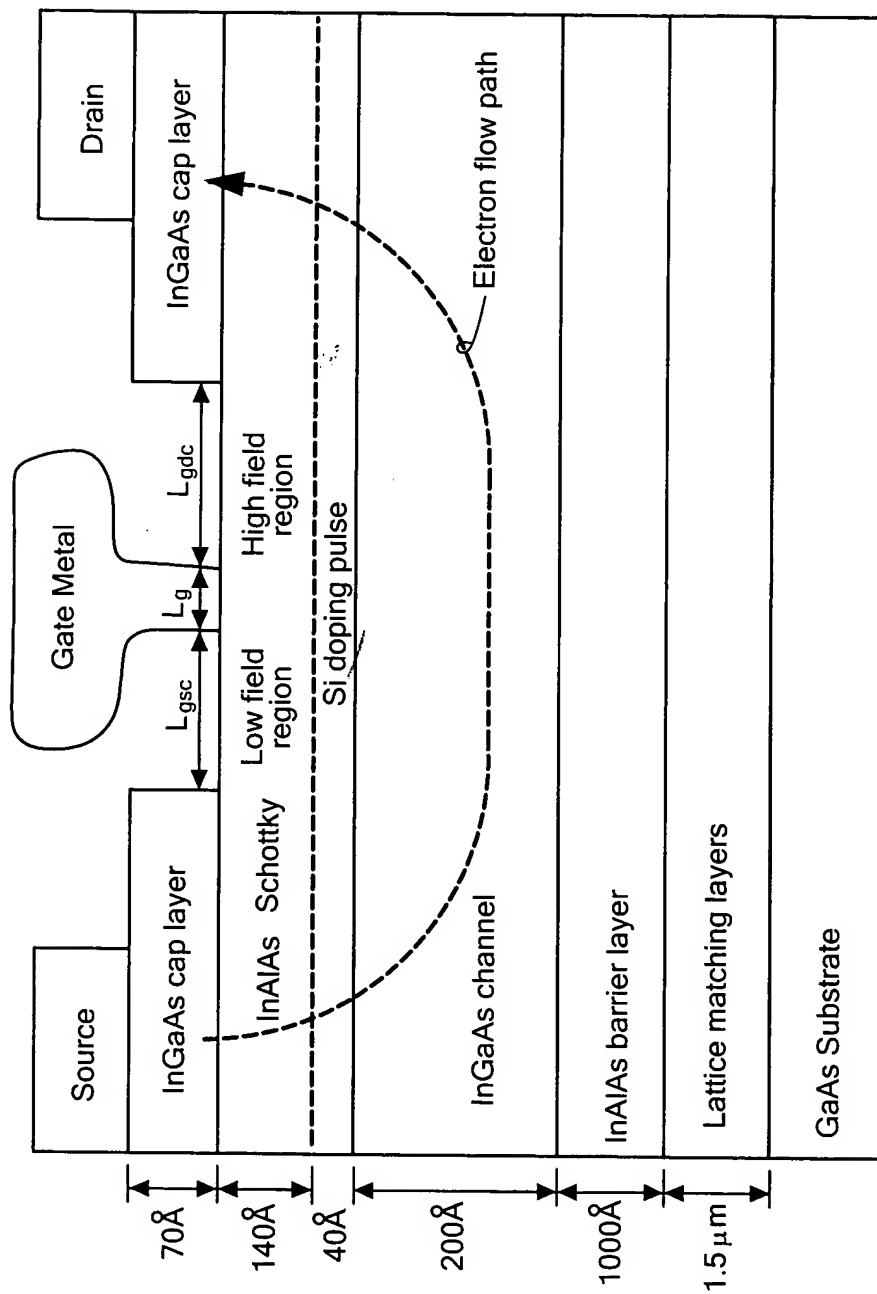


FIG. 1

MHEMT Family of I-V Curves

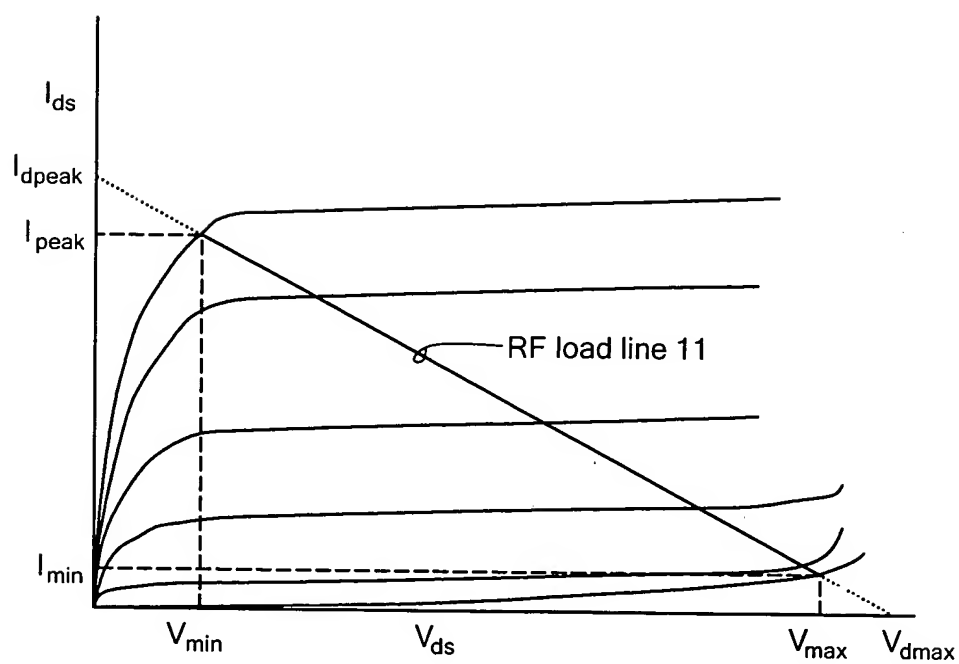


FIG. 2

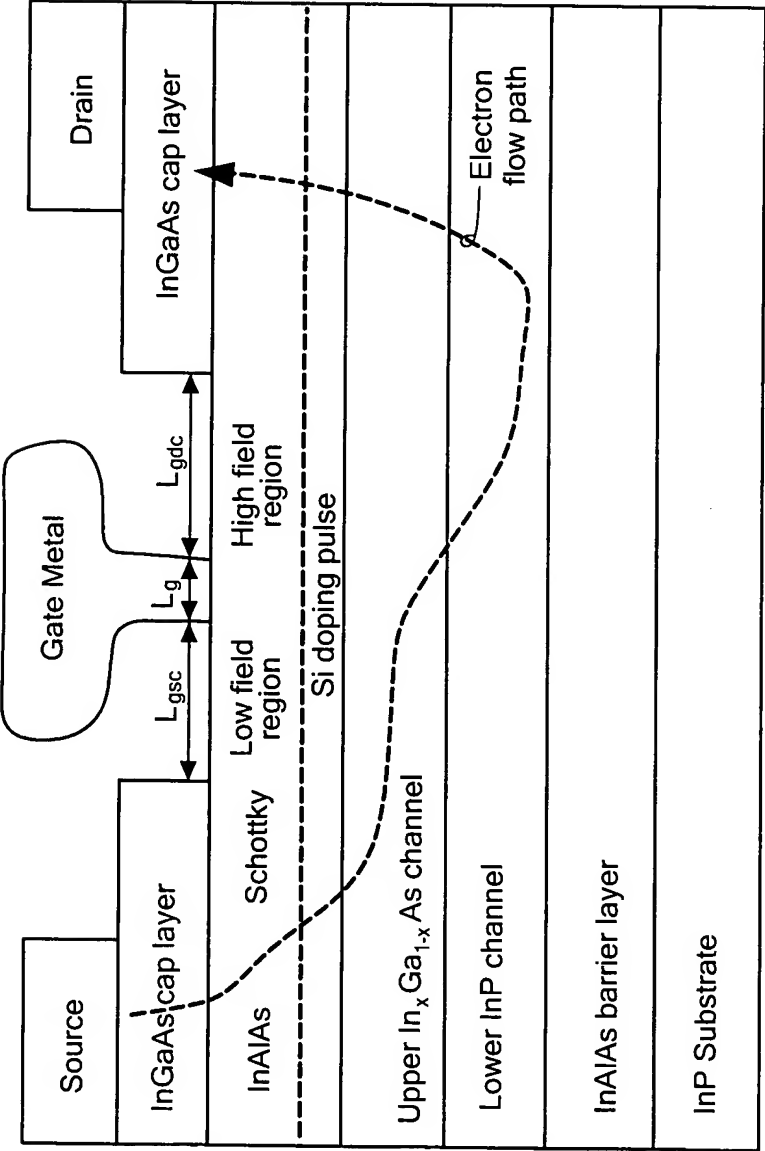
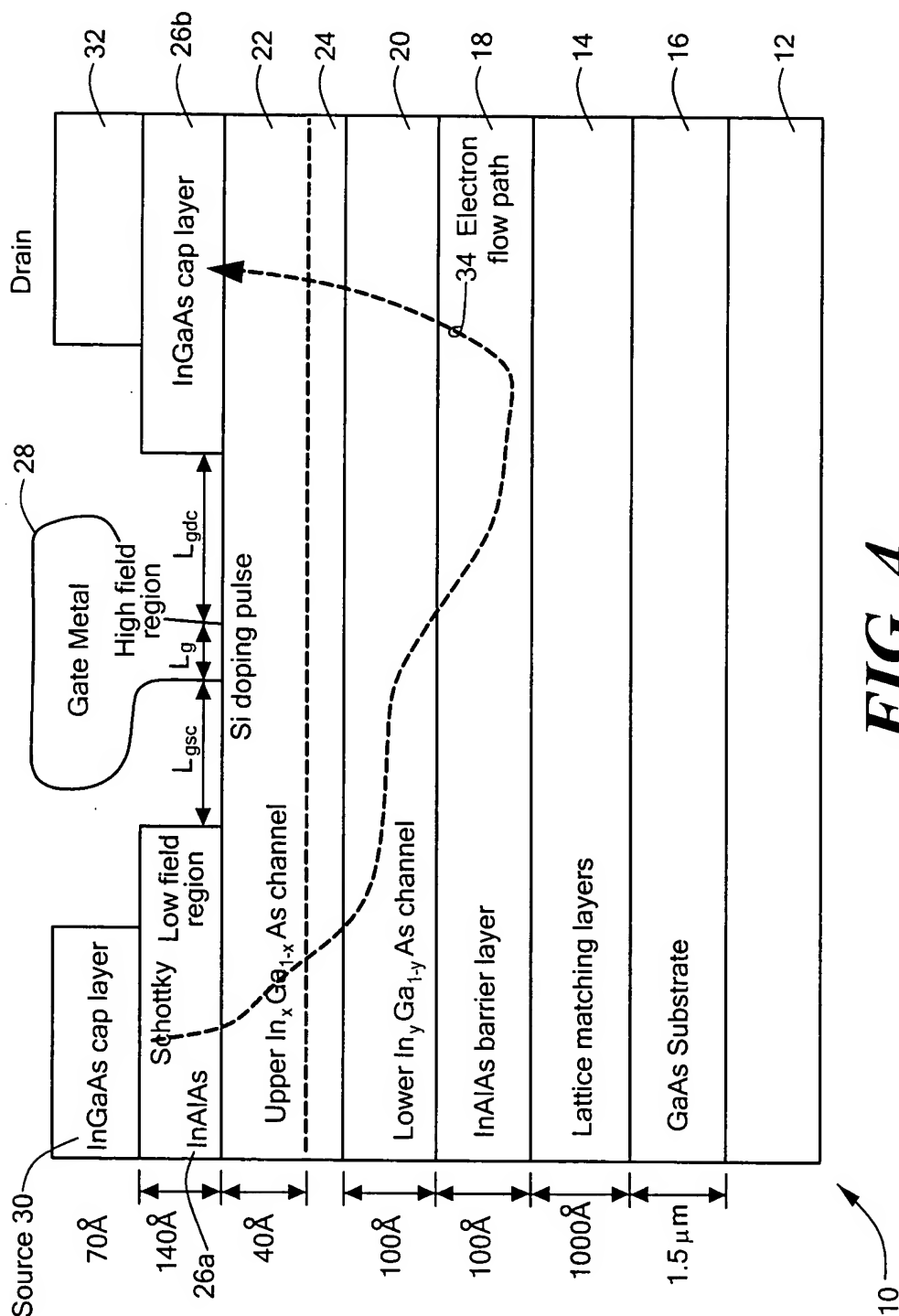


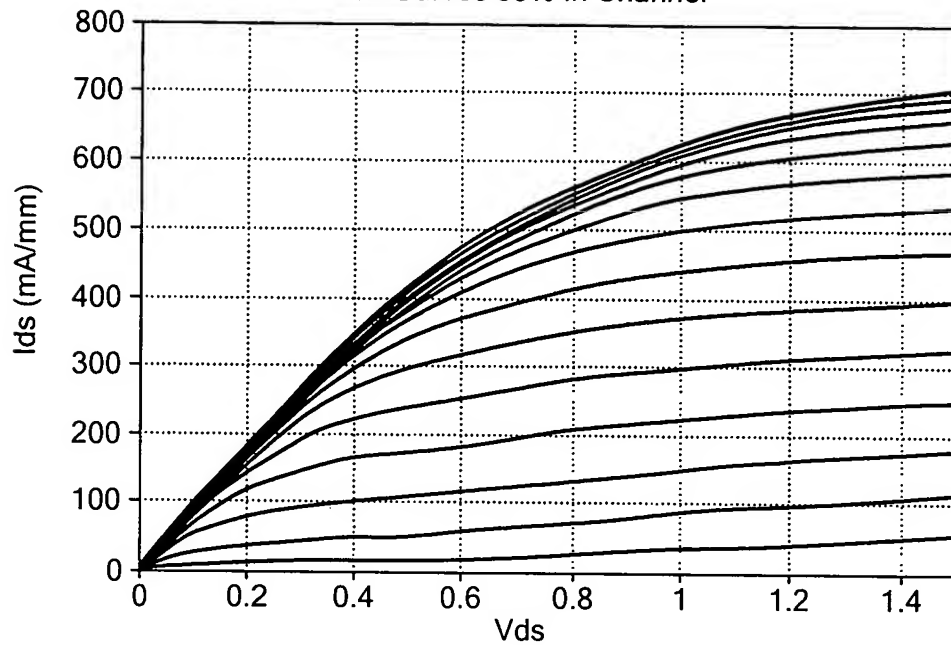
FIG. 3



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XO2M124-2 postgate

IV Curves 53% In Channel



On-State Breakdown Curves 53% In Channel

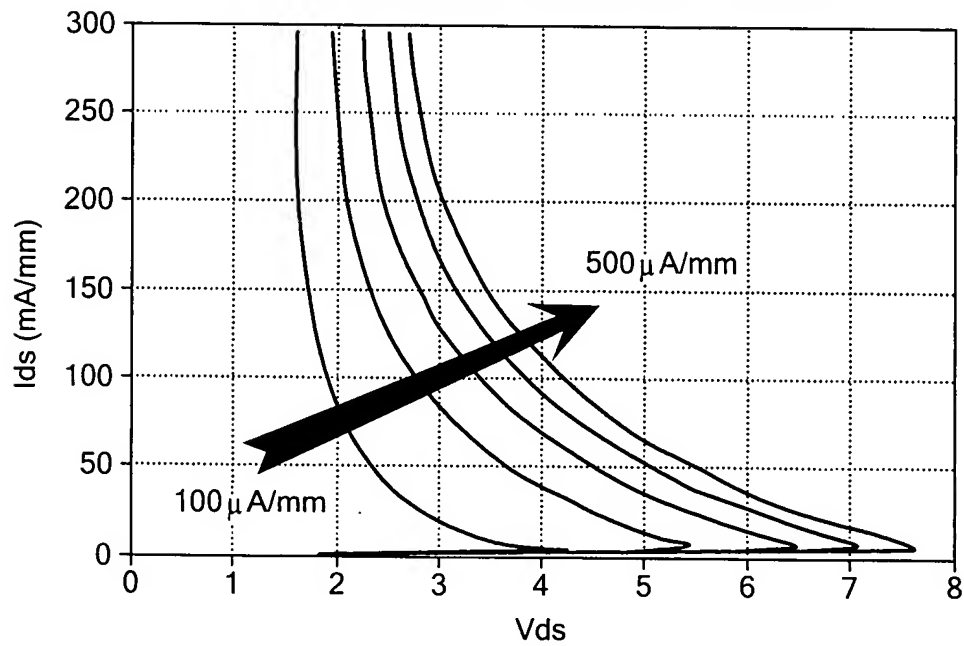
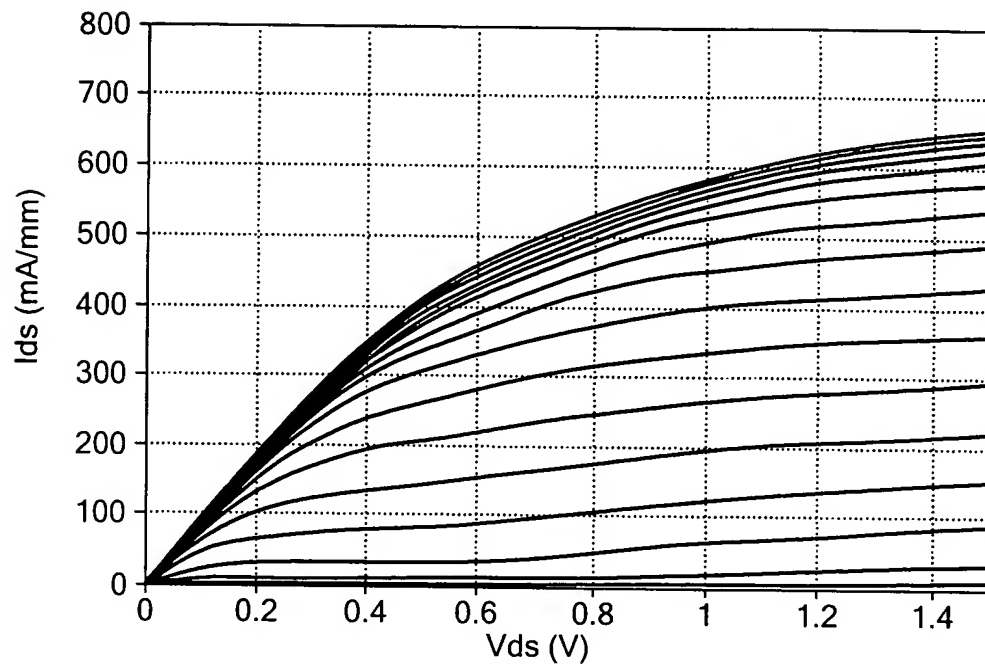


FIG. 5

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XO2M124-3 postgate

IV Curves 43/53% Split Channel



On-State Breakdown Curves 43/53% Split Channel

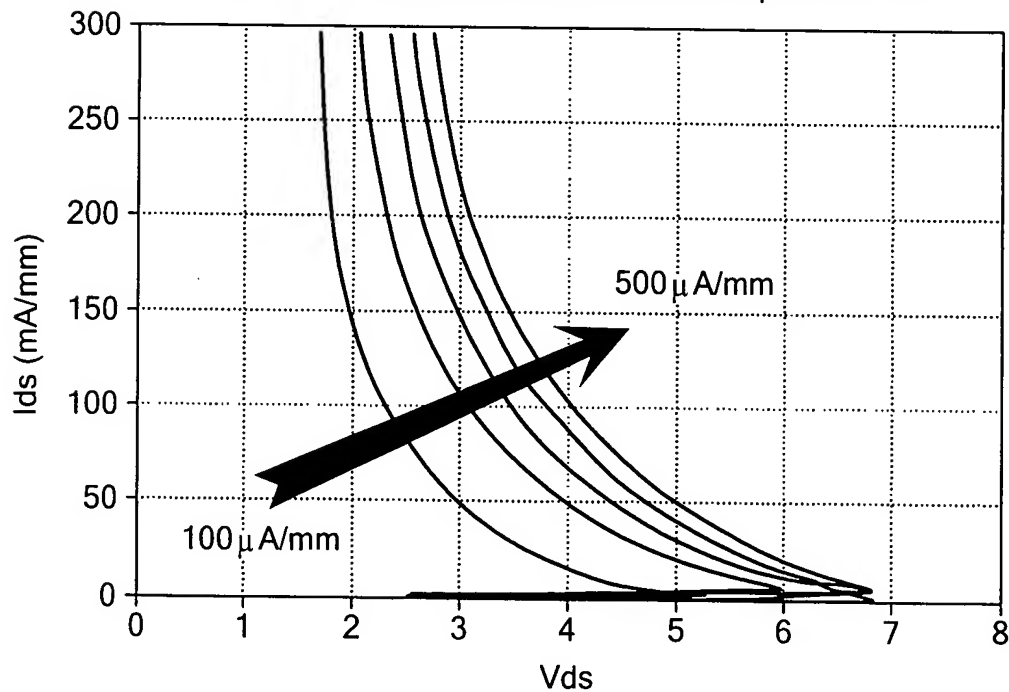


FIG. 6

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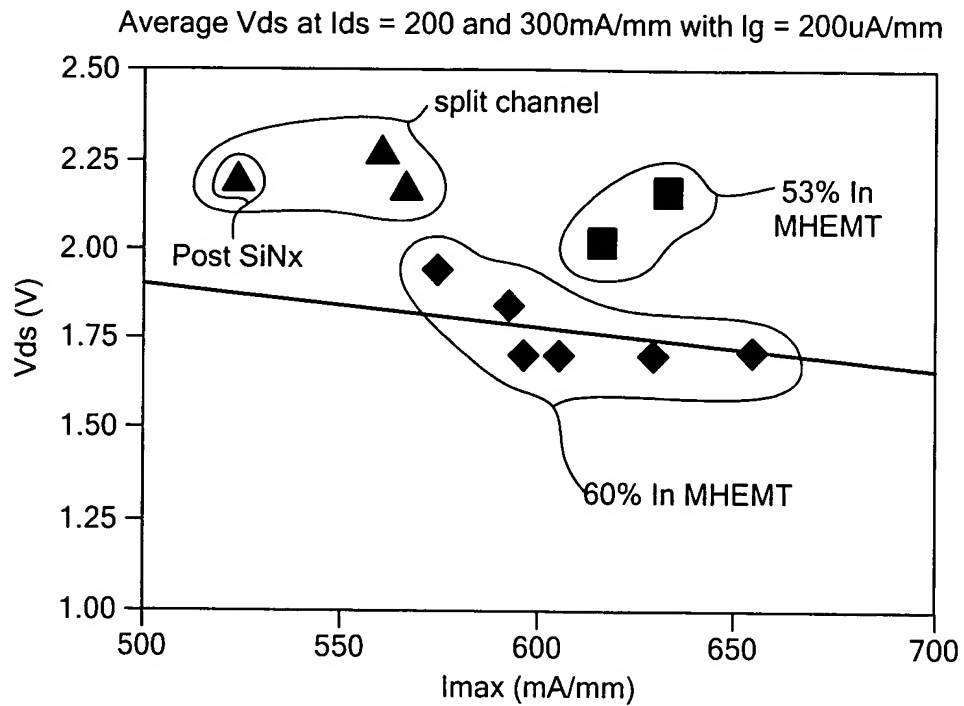


FIG. 7

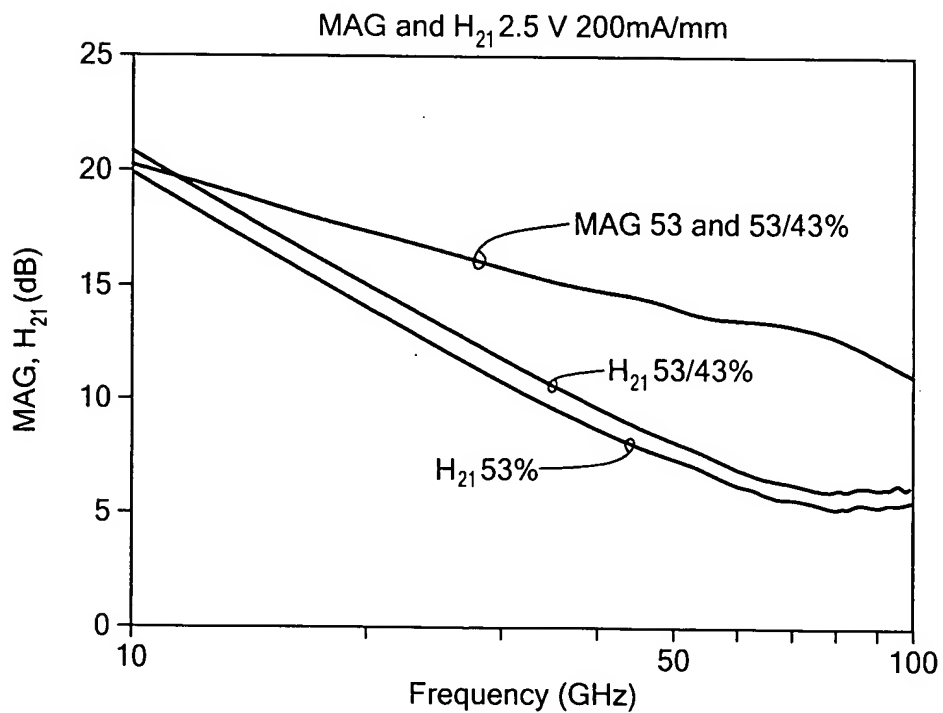


FIG. 8

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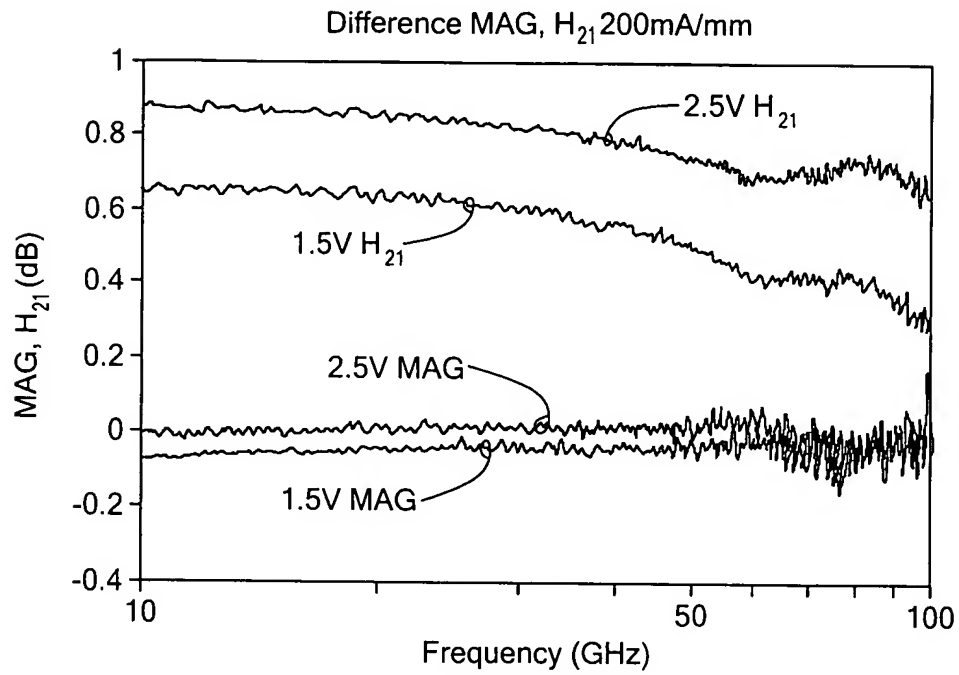


FIG. 9

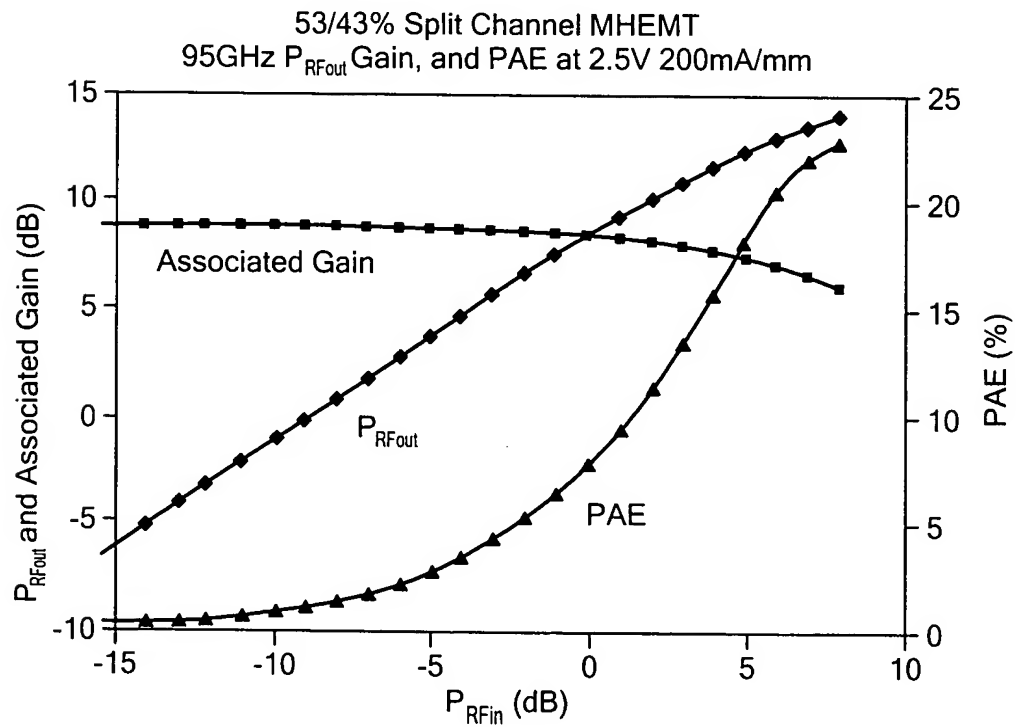


FIG. 10